

# ● PRINTER RUSH ●

(PTO ASSISTANCE)

Application : 09/588525 Examiner : Navarro GAU : 1645

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<input type="checkbox"/> DRW		
<input type="checkbox"/> OATH		
<input type="checkbox"/> 312		
<input checked="" type="checkbox"/> SPEC	<u>11/5/03</u>	

[RUSH] MESSAGE: Amendment to Page 12, second paragraph,  
found in SPEC of 11/5/03 has data missing please advise

Thank you.

[XRUSH] RESPONSE: See Misc Comm

Done

INITIALS: (Signature)

NOTE: This form will be included as part of the official USPTO record, with the Response document coded as XRUSH.

REV 10/04

Docket No.: 294-83 RCE  
Application Serial No.: 09/588,525

DATE: January 5, 2006

**FACSIMILE TRANSMISSION COVER SHEET**

TO: Rori Burch - Publishing Division  
FAX NO.: 571-273-9009  
FROM: Lauren T. Emr, Esq.  
SENDER: Julie L. Watts

**HOFFMANN & BARON, LLP**  
**ATTORNEYS AT LAW**

● **NY OFFICE**

6900 JERICHO TURNPIKE  
SYOSSET, N.Y. 11791

TELEPHONE: 516-822-3550  
TELECOPIER: 516-822-3582

**NJ OFFICE**

1055 PARSIPPANY BOULEVARD  
PARSIPPANY, N.J. 07054

TELEPHONE: 973-331-1700  
TELECOPIER: 973-331-1717

NUMBER OF PAGES TO FOLLOW: 4**CONFIDENTIALITY NOTICE**

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PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s)	Rosainz, et al.	Examiner:	Albert Mark Navarro
Serial No.:	09/588,525	Group Art Unit:	1645
Confirmation No.:	8985	Docket:	294-83 RCE
Filed:	June 6, 2000	Dated:	January 5, 2006
For:	<b>Analogues of Lipopolysaccharide-Binding Protein (LBP)-Derived Peptides that Efficiently Neutralize Lipopolysaccharides (LPS)</b>		

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

By signing this document, the applicant certifies that the information transmitted is true and correct and that the applicant is the owner of the invention and the trademark shown on the data shown below

*Julie L. Watts* 1/5/06

**COMMUNICATION IN RESPONSE TO NOTICE TO FILE CORRECTED  
APPLICATION PAPERS - NOTICE OF ALLOWANCE MAILED**

Dear Sir:

In response to a Notice to File Corrected Application Papers mailed December 30, 2005, Applicants submit the following for entry in the above-identified application. A copy of the Notice is attached hereto.

The Notice indicates that an amendment made to the application dated November 3, 2003, is incomplete. In particular, the second paragraph on page 12 was amended and was inadvertently not completely provided.

In response, Applicants submit the following complete second paragraph on page 12 of the application. No new matter has been added.

On page 12, please replace the second paragraph with the following:

#### EXAMPLE 3

This invention provides peptides with advantageous functions over other LBP-derived peptides that have the native sequence or different a.a. replacements to those herein described at positions +1, +5, +6, +7, +9, +10, +11, +12 and +13. Among these others are some peptides previously described by their ability to reduce LPS biological effects<sup>11-14</sup>. In order to demonstrate the advantage of the preferred peptides of this invention over these previously described peptides, their antagonist activity upon LPS-induced responses was compared; the effect of these different peptides on the LPS-induced IL-6 production in cultures of human PBMC is illustrated in Fig. 5. The experimental procedure was similar to that one described in EXAMPLE 2. IL-6 was measured in culture supernatants after 18 h using a human IL-6 specific ELISA. In the represented experiment, the following peptides were evaluated: LPB<sub>86-89</sub>, LBP-H (LBP<sub>86-101</sub>, SEQ ID No. 56)<sup>13</sup>, LBP<sub>A94</sub>, LBP<sub>A95</sub>, and LBP<sub>A98</sub>. IL-6 production was inhibited by more than 35% only by LBP<sub>A94</sub>, LBP<sub>A95</sub> and LBP<sub>A98</sub>, which have essential a.a. as defined in the present invention at positions +9, +10 and +13 respectively. LBP<sub>A95</sub> reduced the LPS-triggered response more than 70%, at every hLBP concentrations tested. This example remarks the capacity of the peptides of this invention to reduce the production of

pro-inflammatory cytokines by LPS-stimulated cells.

Respectfully submitted,



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Lauren T. Emr  
Attorney for Applicants  
Reg. No. 46,139

HOFFMANN & BARON, LLP  
6900 Jericho Turnpike  
Syosset, New York 11791  
(516) 822-3550  
LTE:jlw

**UNITED STATES PATENT AND TRADEMARK OFFICE**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Serial Number  
09588525

Date Mailed  
12/30/05

**NOTICE TO FILE CORRECTED APPLICATION PAPERS*****Notice of Allowance Mailed***


This application has been accorded an Allowance Date and is being prepared for issuance. The application, however, is incomplete for the reasons below.

Applicant is given 30 days from the mail date of this Notice within which to correct the informalities indicated below. A failure to reply will result in the application being ABANDONED. This period for reply is NOT extendable under 37 CFR 1.136 (a) or (b).

- ♦ Amendment to the specification is incomplete. Fax missing/illegible information to number below or e-mail.
  - For status updates visit <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR System, contact the Electronic Business Center (EBC) toll free at 866-217-9197.

**APPLICANT MUST SUPPLY MISSING INFORMATION WITHIN 30 DAYS OF THE MAIL DATE OF THIS NOTICE.**

A copy of this notice **MUST** be returned with the reply. Please address response to Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

  
Rori Burch  
USPTO  
Publishing Division  
Rori.burch@uspto.gov  
Fax (571) 273-9009  
Fax (703) 308-6642  
703-305-0333 ext.135 (V)